

ENVIRONMENTAL HEALTH SERVICE
NATIONAL AIR POLLUTION CONTROL ADMINISTRATION

Date: November 24, 1970

Reply to
Attn of: FF - DA

Subject: Radicator Incinerator (Supplemental Information)

To: Federal Agencies

1. Reference our letter dated June 4, 1970 to Federal Agencies - same subject.
2. Midland-Ross Corporation has requested that we accept their published capacity ratings for Type 0 and 2 waste.
3. Midland-Ross Corporation has also requested that we include, in this Certification of Compliance letter, two larger units that they now manufacture.
4. It is believed the Midland-Ross incinerators will meet the manufacturer's capacity table listed below and not exceed Federal emission standards.

MODEL	TYPE WASTE			COMMENTS
	0	1	2	
MARK VI	445	625	795	The Mark XV and XX are equipped with mechanical loaders and are fired with either gas or light oil
MARK XV	1070	1500	1910	
MARK XX	1425	2000	2540	

5. Our reasons for certifying these capacities for Types 0 and 2 waste, and for certifying the Mark XV and XX are as follows:
 - a. The Radicator incinerator, model Mark VI, met the standards when tested according to "Specification for Incinerator Testing at Federal Facilities", at the manufacturers' specified capacity of 625 pounds per hour for Type 1 waste.

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- b. When burning Type 0 or Type 2 the total BTU heat release of the incinerator is no more than that produced when burning Type 1 waste.
 - c. The incinerator gas residence time is longer in the Mark XV and XX than the Mark VI.
6. If additional information is required please contact the Federal Facilities Branch.

F. Winkler

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Evaluation Section